



gyroscope fiber resonator passive

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Analysis of a fiber-optic passive loop-resonator gyroscope Dependence on resonator parameters and ... - group of 4 »

Y OHTSUKA - Journal of Lightwave Technology, 1985 - [ieeexplore.ieee.org](#)
 ... above. The first success of a **fiber-optic passive loop resonator gyroscope**
 has recently been reported by Meyer et al. [101. With ...
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Stimulated Brillouin fiber-optic laser gyroscope - group of 4 »

F ZARINETCHI, SP SMITH, S EZEKIEL - Optics Letters, 1991 - [ol.osa.org](#)
 ... demonstration of a sol- id-state ring-laser **gyroscope**. ... a continuous loop of
 single-mode **fiber** wrapped around ... an eigenpolarization of the ring **resonator** and the ...
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Passive fiber-optic ring resonator for rotation sensing - group of 4 »

RE MEYER, S EZEKIEL, DW STOWE, VJ TEKIPPE - Optics Letters, 1983 - [ol.osa.org](#)
 ... 2. S. Ezekiel and SR Balsamo, "**Passive ring resonator laser gyroscope**," Appl. Phys. ...
 4. V. Vali and RW Shorthill, "**Fiber ring interferometer**," Appl. ...
[Cited by 24](#) - [Web Search](#)

Fiber Resonator Gyroscope: Sensitivity and Thermal Nonreciprocity - group of 7 »

DM Shupe - Applied Optics, 1981 - [ao.osa.org](#)
Fiber resonator gyroscope: sensitivity and thermal ... these errors well below those
 in the **fiber** interferometer ... 9 "1 0 The **passive resonator** is similar to the ring ...
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Fiber optic gyroscope - group of 4 »

H LEFEVRE - Optical fiber sensors: Systems and applications., 1989 - [adsabs.harvard.edu](#)
 Title: **Fiber optic gyroscope** Authors: Lefevre, Herve C. Affiliation ... design of source
 and sensing **fiber** coils, the ... than FOGs based on a **passive ring resonator**. ...
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Direct-coupling single-mode fiber ring resonator - group of 5 »

F ZHANG, J LIT - Optical Society of America, Journal A: Optics and Image ..., 1988 - [josaa.osa.org](#)
 ... all-**fiber resonator** has been widely used, eg, in mak- ing an all-**fiber ring laser**,
 6 an all-**fiber resonator** interferom- eter, 7 and a **passive fiber gyroscope**. ...
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Observation of lock-in behavior in a passive resonator gyroscope - group of 4 »

F ZARINETCHI, S EZEKIEL - Optics Letters., 1986 - [ol.osa.org](#)
 ... be much greater than that of a high-Q mirror **resonator**, thus creating ... in discussed
 in this Letter are clearly applicable to a **fiber ring gyroscope**; in fact ...
[Cited by 4](#) - [Web Search](#)

Fiber-optic rotation sensors and related technologies

S EZEKIEL, HJ ARDITTY - Berlin, Springer-Verlag(Springer Series in Optical Sciences., 1982 - [csa.com](#)
 ... depolarization in the **fiber-optic gyroscope**, a scattering ... Attention is given to
 reentrant **fiber** optic rotation ... effect in a nonlinear ring **resonator** and related ...
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Passive Ring Resonator Method for Sensitive Inertial Rotation Measurements in Geophysics and ... - group of 3 »



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Stimulated Brillouin fiber-optic laser gyroscope - group of 4 »

F ZARINETCHI, SP SMITH, S EZEKIEL - Optics Letters, 1991 - ol.osa.org

... in a **fiber resonator** and show the operation of this device as a RLG. To our knowledge this is the first demonstration of a sol- id-state ring-laser **gyroscope**. ...Cited by 25 - [Web Search](#)

Fiber Resonator Gyroscope: Sensitivity and Thermal Nonreciprocity - group of 7 »

DM Shupe - Applied Optics, 1981 - ao.osa.org

Page 1. **Fiber resonator gyroscope**: sensitivity and thermal nonreciprocityDavid M. Shupe The rotational sensitivity of the **fiber** ...Cited by 10 - [Web Search](#)

Analysis of a fiber-optic passive loop-resonator gyroscope Dependence on resonator parameters and ... - group of 4 »

Y OHTSUKA - Journal of Lightwave Technology, 1985 - ieeexplore.ieee.org

... above. The first success of a **fiber-optic passive loop resonator gyroscope** has recently been reported by Meyer et al. [101. With ...Cited by 14 - [Web Search](#)

Fiber optic gyroscope - group of 4 »

H LEFEVRE - Optical fiber sensors: Systems and applications., 1989 - adsabs.harvard.edu

Title: **Fiber optic gyroscope** Authors: Lefevre, Herve C. Affiliation ... design of source and sensing **fiber** coils, the ... than FOGs based on a passive ring **resonator**. ...Cited by 88 - [Web Search](#) - [Library Search](#)

Passive fiber-optic ring resonator for rotation sensing - group of 4 »

RE MEYER, S EZEKIEL, DW STOWE, VJ TEKIPPE - Optics Letters, 1983 - ol.osa.org

... 2. S. Ezekiel and SR Balsamo, "Passive ring **resonator** laser **gyroscope**," Appl. ... 5.LF Stokes, M. Chodorow, and HJ Shaw, "All-single- mode **fiber resonator**," Opt. ...Cited by 24 - [Web Search](#)

Direct-coupling single-mode fiber ring resonator - group of 5 »

F ZHANG, J LIT - Optical Society of America, Journal A: Optics and Image ..., 1988 - josaa.osa.org

... all-**fiber resonator** has been widely used, eg, in mak- ing an all-**fiber** ring laser,6 an all-**fiber resonator** interferom- eter, 7 and a passive **fiber gyroscope**. ...Cited by 12 - [Web Search](#)

Fiber-optic rotation sensors and related technologies

S EZEKIEL, HJ ARDITTY - Berlin, Springer-Verlag(Springer Series in Optical Sciences., 1982 - csa.com

... depolarization in the **fiber-optic gyroscope**, a scattering ... Attention is given to reentrant **fiber** optic rotation ... effect in a nonlinear ring **resonator** and related ...Cited by 31 - [Web Search](#) - [Library Search](#)

A micromachined vibrating gyroscope - group of 4 »

K Tanaka, Y Mochida, M Sugimoto, K Moriya, T ... - 1995 - ieeexplore.ieee.org

... as ring laser gyroscopes, optical **fiber** gyroscopes and ... gyroscopes, a reduction in **resonator** size decreases ... present a surface—micromachined **gyroscope** having a ...Cited by 55 - [Web Search](#)

Narrow-linewidth stimulated Brillouin fiber laser and applications - group of 4 »

SP SMITH, F ZARINETCHI, S EZEKIEL - Optics Letters, 1991 - ol.osa.org

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L2	17719	gyro or gyroscope or sagnac	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:43
L3	54166	resonator or resonate	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:43
L4	564	1 and 2 and 3	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:15
L5	226	1 same 2 same 3	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:16
L6	116	5 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:36
L7	110	5 not 6	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:33
L8	74	4 and "356"/\$.ccls. not 5	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:38
L9	53	4 and "385"/\$.ccls. not (5 or 8)	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:40
L10	49	4 and "372"/\$.ccls. not (5 or 8 or 9)	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:41
L11	162	4 not (5 or 8 or 9 or 10)	US-PGPUB; USPAT	ADJ	ON	2006/02/17 10:41
L12	837375	fiber or fibre or waveguide	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/17 10:43
L13	14973	gyro or gyroscope or sagnac	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/17 10:43
L14	65990	resonator or resonate	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/17 10:43
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